

CLAIMS

What is claimed is:

- 5 1. In a wireless communication system in which remote subscriber units are located in cells, and at least two cells are located adjacent one another, each cell having a base station unit that coordinates communication with remote units located within its respective cell, a method comprising the steps of:
- 10 in an operating base station, determining the existence of communications occurring in adjacent cells; and coordinating transmission of high interference communications associated with a subscriber unit in the cell associated with the operating base station with transmission of low interference communications associated with a subscriber unit in at least one of the adjacent cells.
- 15 2. A method as in claim 1 wherein each base station determines an expected time of low interference of communication by an adjacent base station and schedules its own high interference transmissions for such times.
- 20 3. A method as in claim 2 wherein the operating base station receives a report of an expected time of low interference transmissions from an adjacent base station.
- 25 4. A method as in claim 2 wherein the operating base station receives a report of service status message from an adjacent base station, the report relayed from a subscriber unit located in the cell served by the serving base station.

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